First look on RAVE

Sanghoon Lim

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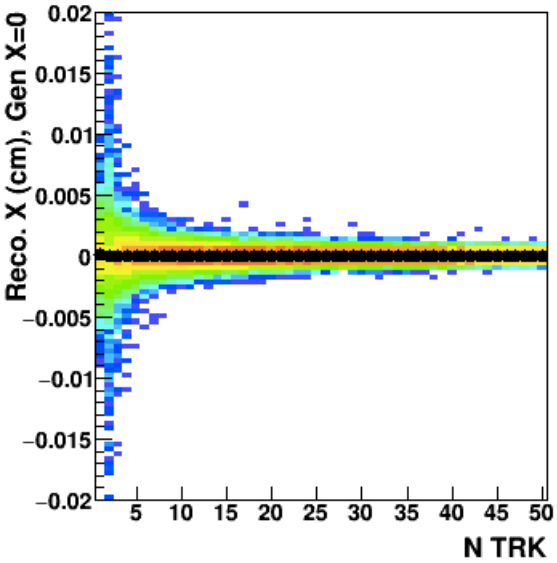
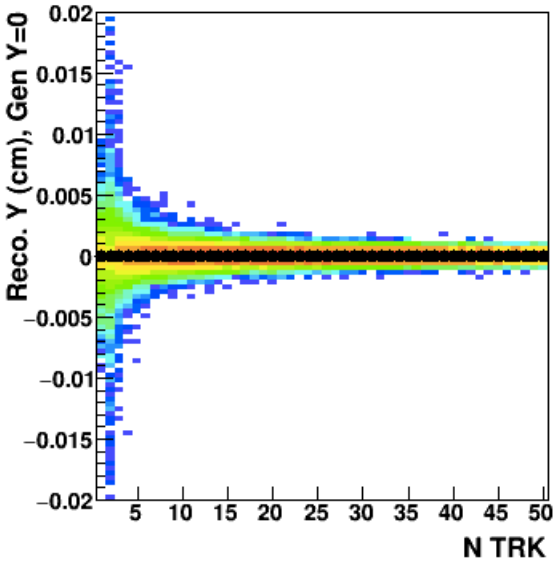
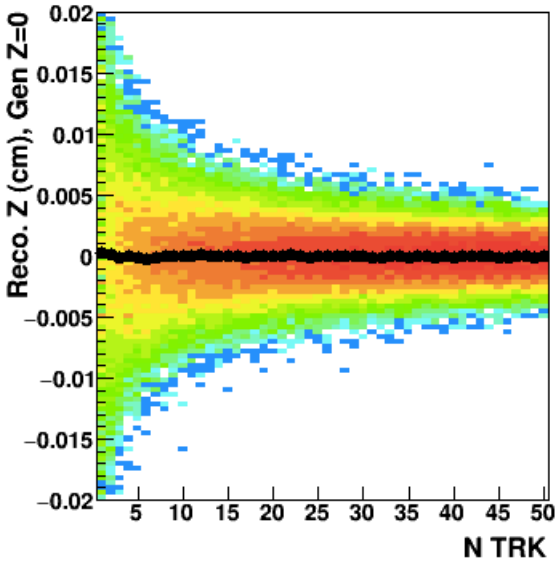
- Procedure
  - randomly select N simulated tracks from pool
    (mu+, $|\eta|<0.5$ (flat), $1<p_T<40$ GeV/c (flat), generated vertex (0,0,0))
  - tracking with PHGenFit and extract parameters at beam line
    (Thanks to Haiwang!)
  - put tracks into the RAVE vertex finder (defaults setting)
    currently using self-package, but will move to GFRave
  - scan N track(s) from 1 to 50, 2k events for each N track(s)







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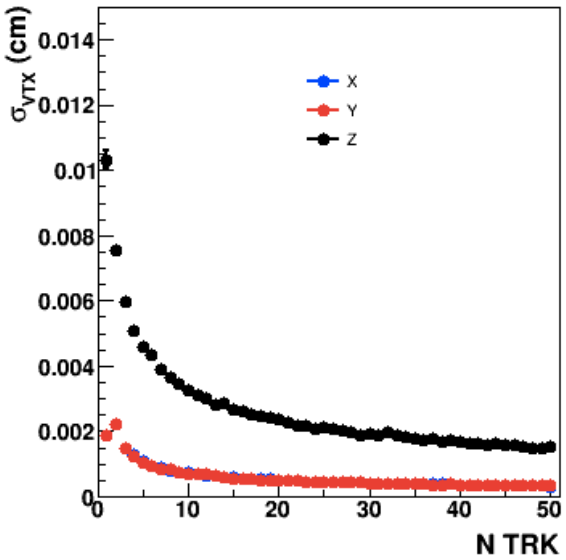
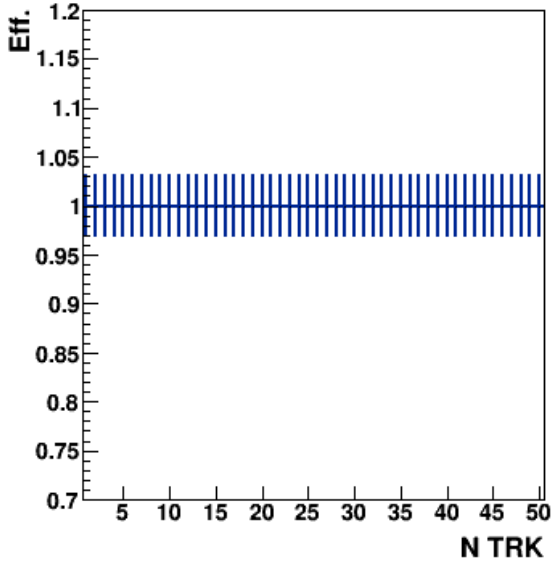
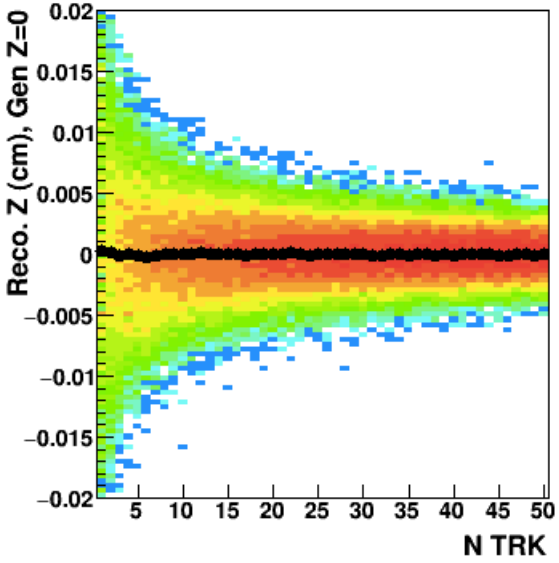
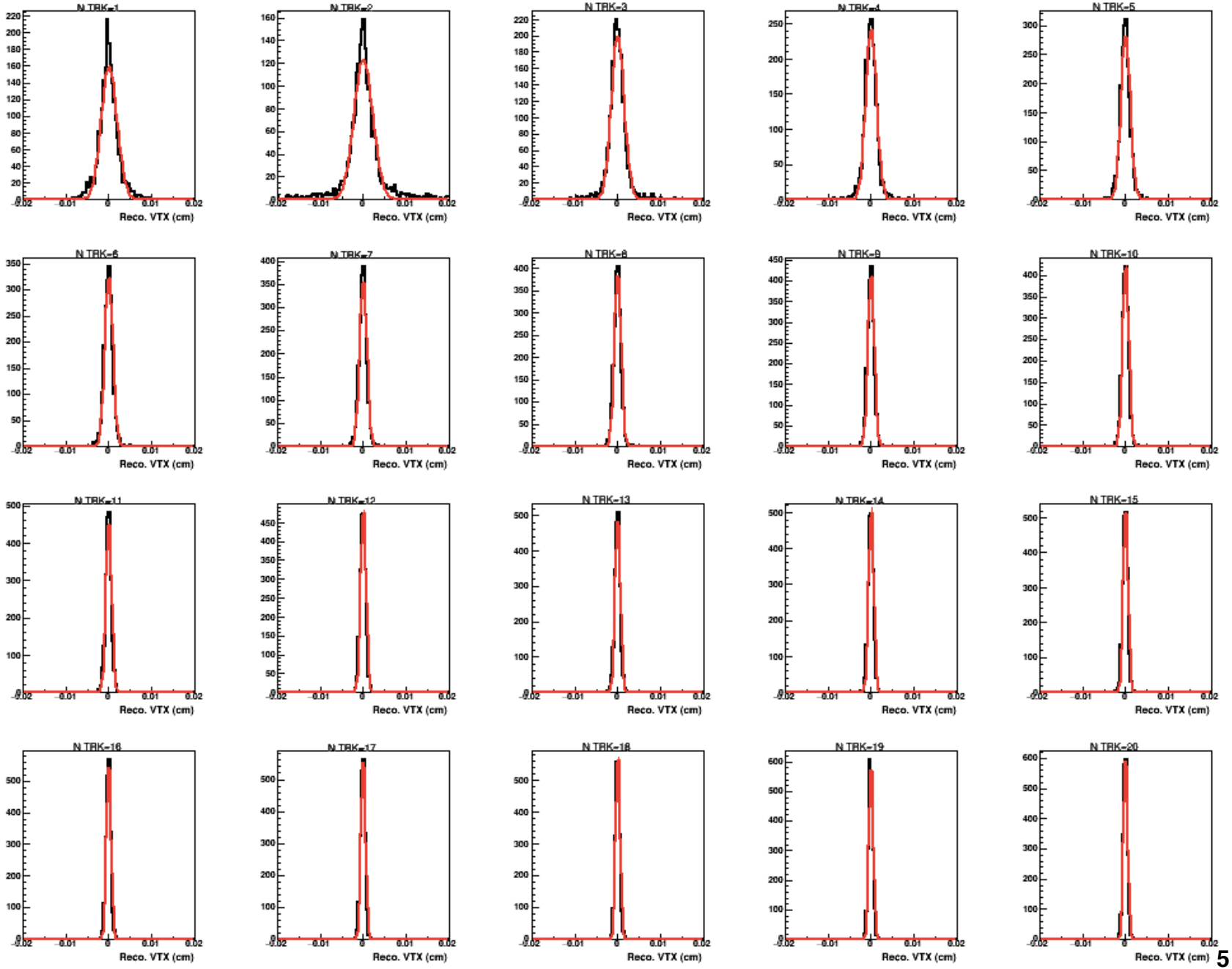




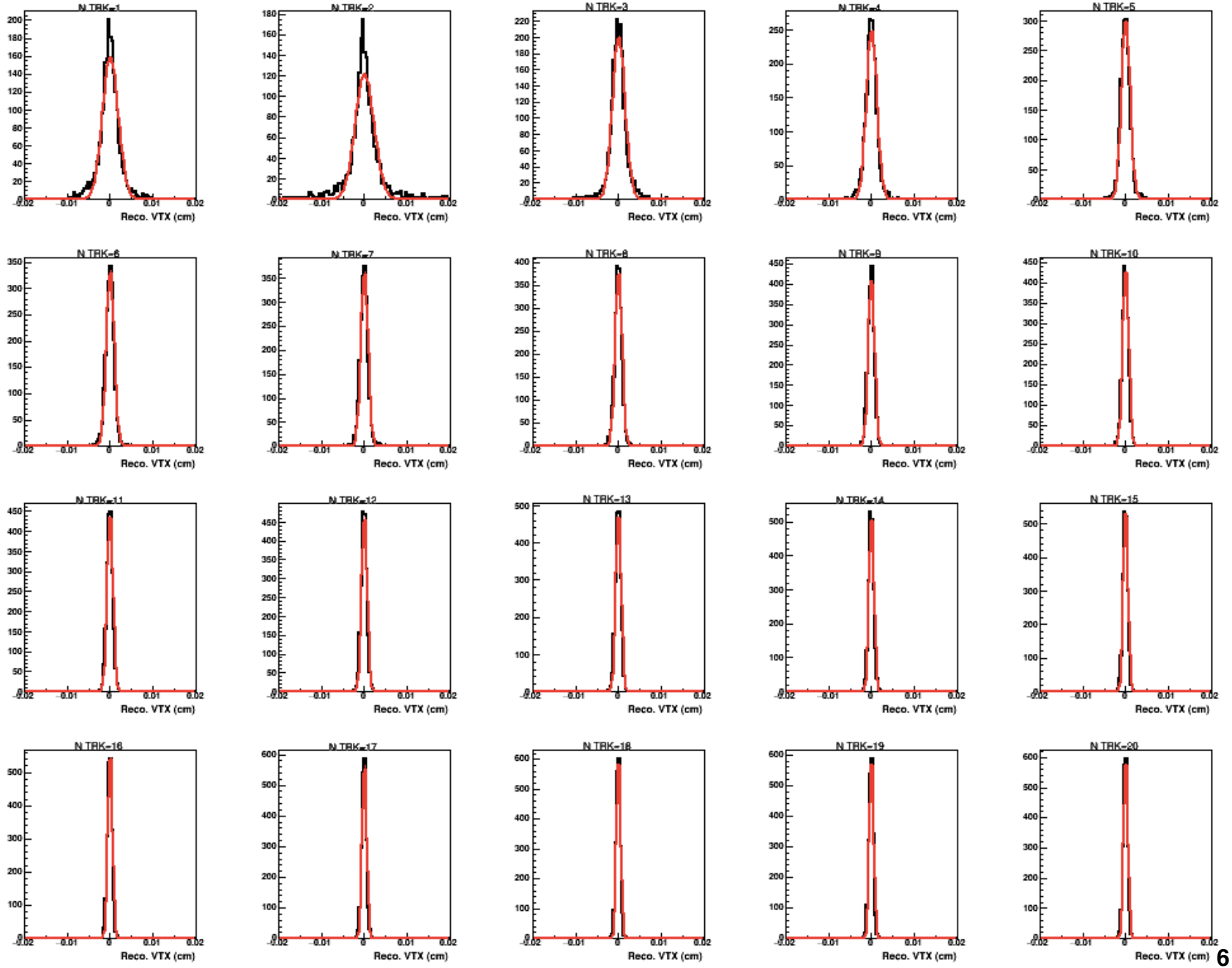


BACK UP

Reco. X (N_{tracks} bin, 1-20)



Reco. Y (N_{tracks} bin, 1-20)



Reco. Z (N_{tracks} bin, 1-20)